

PUBLIC C OSOTING COMPANY

45 33

Mr. H. L. Danz, St. Louis Park

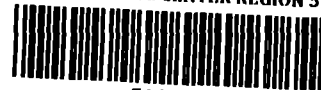
Indianapolis

H. R. Horner

March 9, 1939

DRAINAGE DITCH

US EPA RECORDS CENTER REGION 5



514465

I have your letter of March 3rd and located the file which you referred to, in which I found your letter of November 10th.

You state in your letter of March 3rd, that there would be considerable difference in the amount of water discharged, depending on whether the basin was located at the by products building or where our waste water leaves the property.

A settling basin is designed for a certain detention period. By that I mean it is to be determined by tests of how long water must be held in a stagnant condition for the oil or impurities, to settle out and say it requires 48 hours. The settling basin then must be designed to hold all the water produced in 48 hours, which is a detention period of 48 hours to all the water being discharged.

Therefore, if we are running into the separatory pond water that does not need to be settled our pond will be too large for our real needs. You no doubt have determined whether the drainage water contains sufficient foreign material to make it objectionable to dumping into the public ditch. If this water does not need treating then we should locate the pond near the by product plant, in such a place that we could run all water that does need treating into this pond. If your letter of November 10th ~~could~~ not give us this correct information, please revise it taking the samples and the readings at a point where it will give us results representing all the water to be treated.

I am sending you a chart of the Maywood water flow. The circles on the chart show the time the readings were made and the samples taken. All the samples were combined and the result sample was checked for rate of settling.

Please get us this information in the form outlined in the graph, so that we can design proper size settling basins and correct this problem.

Very truly yours,

HRH:W  
NO

3030.35